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Navy

# *Venture* PLAN

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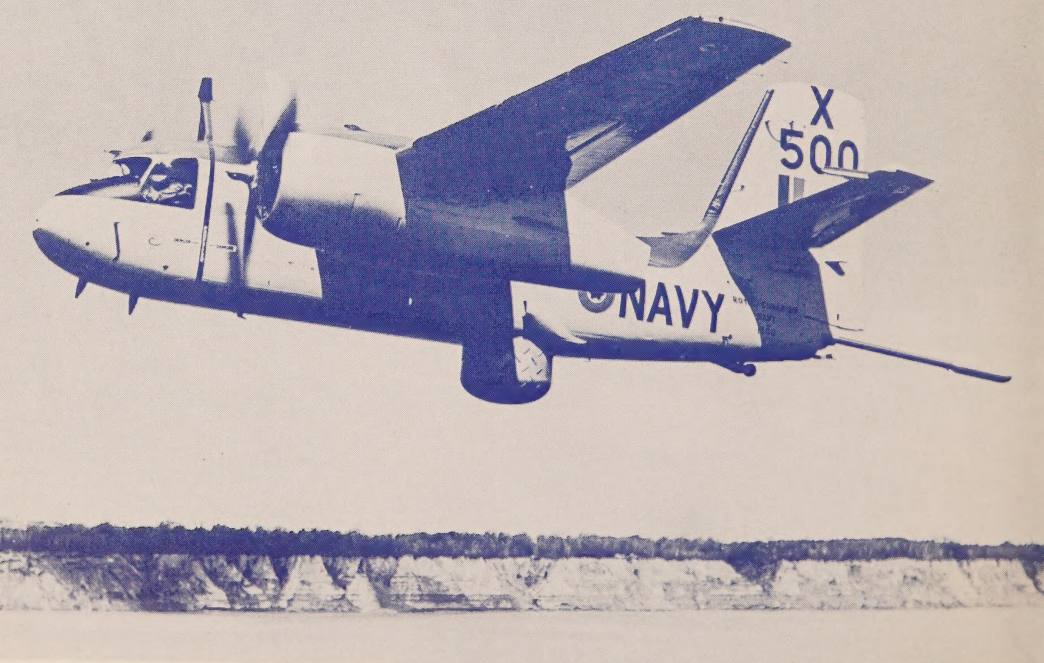


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**H M C S VENTURE**  
Naval Officer Training Establishment  
Esquimalt, B.C.







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## FOREWORD

The Venture Plan was introduced in 1954 with a view to extending the advantages of naval training and experience to an increased number of young Canadians, providing an additional avenue to the attainment of permanent commissions in the Regular Force of the Royal Canadian Navy, and strengthening the commissioned ranks of the Royal Canadian Navy (Reserve) in the future. The plan is devised specifically to qualify cadets for commissions in the executive branch of the Navy, and emphasis is given to aviation.

The period of service undertaken by a Naval Cadet enrolled under the Venture Plan is seven years. On completion of his two-year cadet training course, at which time the young officer is promoted to Midshipman, or at any time in the ensuing five years, he may apply for a Permanent Commission. His acceptance will be dependent upon his own general suitability and the requirements of the Service.

The general educational standard required of candidates is that of junior matriculation, or equivalent. The candidate must be between the ages of 16 and 19 on January 1 of the year of entry. The academic instruction given during the first two years advances the cadet's educational standing to the senior matriculation level. At the same time he receives basic training, both ashore and afloat, in the following subjects, Pilotage and Navigation, Marine Engineering and Engineering Drawing, Seamanship, etc.\* Physical training and sports are among the daily activities of all cadets.

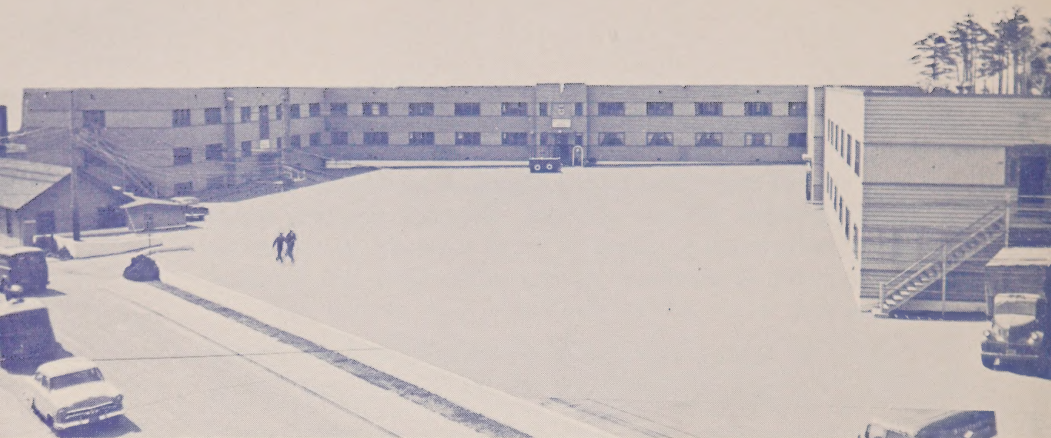
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\* Both ground and flying training are given to those intending to specialize in aviation.

It is important that both prospective candidates and their parents (or guardians) should understand that commissioned rank in the Navy calls for high qualities of character and leadership, and that the training of our future officers is specifically directed to the development of these qualities. Personal integrity, sound judgment and strength of character are as necessary as the ability to meet exacting standards in general professional and technical proficiency.

Above all, there is expected of the Naval Officer unswerving loyalty to Her Majesty the Queen, the Navy itself, and thus to Canada.





## HMCS VENTURE

In accordance with naval custom, the new Naval Officers' Training Establishment is commissioned as a ship in Her Majesty's Canadian Fleet. The name Venture has become associated traditionally with training ships in the RCN, the first vessel to bear the name being a sloop which was in service from 1911 to 1917, and which was succeeded later by a schooner designed by Mr. W. J. Rou  , designer of the famous Bluenose.

HMCS Venture is commanded by an officer of the rank of Captain, and so far as is possible in an educational establishment, the organization follows that of a sea-going vessel. The cadet is thus brought into immediate, and progressively familiar contact with naval customs and traditions and with the naval "way of life".

The instructional staff consists of officers of the Navy's Instructor Branch, all of whom are thoroughly qualified as teachers and possess both civilian and naval experience in their chosen field. In addition, there is a carefully selected supervisory staff of experienced officers who have demonstrated a pronounced interest in youth training. Many of these officers have wide experience, and some have been decorated for distinguished service.

The cadets are accommodated in premises located within the Naval Dockyard at Esquimalt, B.C. In this dockyard is also situated the operational headquarters and maintenance base of the Pacific Naval Command. Laboratories, classrooms, parade square and playing fields are easily accessible from the main accommodation block. Only a stone's throw away is the Pacific Ocean.



## Life at Venture

The life of a Venture Cadet is full of interest. The working day begins at 6.30 a.m. and finishes at 10 p.m. Here is a typical day:

- 6.30 Turn out
- 7.00 Breakfast
- 7.45 Divisions—Inspection, parade and prayers
- 8.15 Class-room instruction
- 12.00 Luncheon
- 1.00 Class-room instruction
- 3.35 Sports, boatwork, physical training, etc.
- 5.30 Supper
- 7.30 Study period (Friday and Saturday excepted)
- 10.00 Lights out.

Each cadet has a monthly week-end “at sea” in one of the larger craft attached to the establishment, during which he receives practical training in pilotage under experienced officers. The waters of the Gulf of Georgia provide excellent opportunities for such training. Every precaution is taken for the safety of the cadets on these brief cruises, water safety being an essential to the training of the budding naval officer.

Leave is granted on Fridays and Saturdays from 5 o'clock until 11.00 p.m., and on Sundays from 1.00 p.m. to 5.00 p.m. Cadets are thus provided with the opportunity to visit nearby Victoria and the beautiful country around.

The discipline of the establishment, while firm, is based on an understanding of the needs of youth and is designed to establish among the cadets high team-spirit of a nature to produce mutual understanding and enduring friendships. A strong sense of comradeship and of high purpose is necessary to the Naval Service, and is one of its finest distinguishing characteristics.

## Annual Cruises

During each year of cadet training, naval cadets receive professional training at sea in the 9,000-ton training cruiser, HMCS *Ontario*. These cruises are planned to give the future officers first-hand experience of sea-going life. Cadets serve in almost

every department of the ship, from boiler-rooms to flag-deck, and experience a general broadening of their horizons, visiting distant lands under the most favourable auspices. Cruises to date have taken Venture cadets to the Antipodes and to Europe.

## Welfare

Considerable attention is devoted to the general welfare of the cadets. Medical and dental services are provided by the Navy and every care is taken to maintain high standards of health and physical development.

The general progress of each cadet is carefully watched and divisional officers and instructors are quick to give individual assistance.

Courses of religious instruction are conducted by Protestant and Roman Catholic chaplains appointed to the Venture staff. Each day's work begins with prayers at morning divisions and all cadets are required to attend church service on Sundays.

The chaplains also give spiritual guidance in a less formal fashion and cadets have ready access to them to discuss personal problems.







## ENTRANCE REQUIREMENTS

### GENERAL REQUIREMENTS FOR ADMISSION TO HMCS VENTURE

- Character:** Candidates must be young men of good moral character.
- Citizenship:** Candidates must be Canadian citizens or other British subjects normally resident in Canada.
- Marital Status:** Candidates must be single, and those accepted into Venture must remain single until they attain the rank of Sub-Lieutenant.
- Age:** Candidates must have reached their 16th but not their 19th birthday on 1st January of the year of entry.
- Physical Standards:** The candidate must be in good physical condition. In brief, he must be free from any considerable physical defect and from any illness or condition which could preclude his taking part in the rigorous academic and physical training programme.

## ACADEMIC REQUIREMENTS FOR ADMISSION TO VENTURE

The general academic requirement for admission to Venture is junior matriculation standing, the equivalent or better.

Most candidates for admission to Venture are expected to make formal application for entry during the school year in which they are completing their Junior Matriculation course in high school.

In view of the subjects taught at the Senior Matriculation level in Venture, candidates must plan their high school courses to include the following subjects at the junior matriculation level:

- (a) Algebra
- (b) Plane Geometry
- (c) English (French for French-speaking candidates)
- (d) At least one Science, preferably Physics

Junior Matriculation French is not a prerequisite course for admission to Venture.

Since the curricula and programmes of studies for high schools vary in different provinces, candidates for admission to Venture are expected to select the course patterns outlined below.

### **British Columbia**

Candidates from British Columbia should take high school courses leading to full university entrance standing, including a major in Mathematics, a major in Science and a major in one other subject field.

Where an accompanying Science major is specified for such fields as Industrial Arts, the accompanying Science major will be accepted.

### **Alberta**

- |   |           |            |
|---|-----------|------------|
| 1. English Language   | 10 and 20 | 10 credits |
| 2. English Literature   | 10 and 20 | 6 credits  |
| 3. Social Studies   | 10 and 20 | 10 credits |
| 4. Science  | 10 and 20 | 10 credits |
| 5. Mathematics  | 10 and 20 | 10 credits |
| 6. French 20 or German 20 or Latin 20   |           | 5 credits  |
| 7. Health and Personal Development 10   |           | 3 credits  |
| 8. Physical Education 10  |           | 2 credits  |
| 9. And a sufficient number of credits in Grade X and Grade XI electives to make a total of 70 credits, the normal credit load for the first two years of senior high school in Alberta. |           |            |





### **Saskatchewan**

- |   |          |
|---|----------|
| 1. English Literature   | Grade XI |
| 2. English Composition  | Grade XI |
| 3. Social Studies   | Grade XI |
| 4. Algebra  | Grade XI |
| 5. Geometry   | Grade XI |
| 6. Physics or Chemistry   | Grade XI |
| 7. Two other Subjects (preferably, but not necessarily, selected from Physics, Chemistry and French). |          |

### **Manitoba**

1. English II
2. Mathematics II
3. Social Studies II
4. Two Sciences and One Language  
or  
Two Languages and one Science selected from
  - (a) Physics II
  - (b) Chemistry II
  - (c) Biology II
  - (d) French II
  - (e) Another Language

### **Ontario**

- |  |   |
|--|---|
| 1. English   | Grades XI and XII                               |
| 2. Mathematics   | Grades XI and XII<br>(Algebra & Plane Geometry) |
| 3. Science   | Grades XI and XII                               |
| 4. History   | Grades XI and XII                               |
| 5. One other Subject (Preferably, but not necessarily, French) | Grades XI and XII.                              |

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NOTE: The subjects listed above must be subjects of the General Course, as the courses taken for Vocational diplomas do not give the background required.

## Quebec

### *1. English Protestant and Catholic High Schools*

- |   |          |
|---|----------|
| 1. English Literature                         | Grade XI |
| 2. English Composition                        | Grade XI |
| 3. Elementary Algebra                         | Grade XI |
| 4. Elementary Plane Geometry                  | Grade XI |
| 5. French                                     | Grade XI |
| 6. At least two (2) of the following courses: |          |
| (a) Physics                                   | Grade XI |
| (b) Chemistry                                 | Grade XI |
| (c) Biology                                   | Grade XI |
| (d) History                                   | Grade XI |
| (e) Intermediate Mathematics                  | Grade XI |
| (f) Another Language                          | Grade XI |

### *2. French-Speaking Catholic Schools*

Students from French-Speaking Catholic Schools seeking admission to Venture should have taken one of the following courses or the equivalent:

- (a) the Twelfth Year, Special Scientific Section
- (b) the Twelfth Year, General Course
- (c) the Twelfth Year, Scientific Section
- (d) the Fourth Year of the Technical School Course (only students with the highest standing may write the qualifying examinations)
- (e) the sixth year (rhétorique) of the classical course).

## New Brunswick

- |  |                      |
|--|----------------------|
| 1. English I                               | Grades X and XI      |
| 2. English II or III                       | Grades X, XI and XII |
| 3. Algebra                                 | Grades X and XI      |
| 4. Plane Geometry                          | Grades X, XI and XII |
| 5. Physics                                 | Grades X and XI      |
| 6. History                                 | Grades X, XI and XII |
| 7. At least one of the following subjects: |                      |
| (a) Chemistry                              | Grade XII            |
| (b) Trigonometry                           | Grade XII            |
| (c) Biology                                | Grade XII            |

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NOTE: 1. Eight (8) subjects are required for a New Brunswick Junior Matriculation standing.

2. French is not a compulsory subject for all candidates and may be replaced by another subject.

3. French II is required of students who choose English III.



## **Nova Scotia**

- |   |          |
|---|----------|
| 1. English (a) and (b)  | Grade XI |
| 2. History  | Grade XI |
| 3. Mathematics—Algebra and Plane<br>Geometry                            | Grade XI |
| 4. Science—Physics and Chemistry  | Grade XI |
| 5. One other Grade XI Subject, preferably, but not necessarily, French. |          |

## **Prince Edward Island**

Candidates from Prince Edward Island should be attending classes in the Second Year at Prince of Wales College or in Grade XII at Summerside High School and Academy or an equivalent grade in another high school in Prince Edward Island.

All candidates are expected to take the following courses in their final year in high school:

1. English Literature
2. English Composition
3. History
4. Algebra
5. Plane Geometry
6. A second language
7. A Science (Physics, Chemistry or Biology)
8. An elective (a second science or another language)

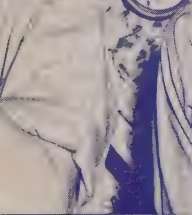
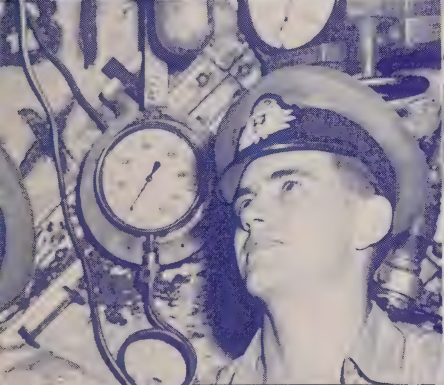
## **Newfoundland**

- |   |          |
|---|----------|
| 1. English Language                                       | Grade XI |
| 2. English Literature                                     | Grade XI |
| 3. Mathematics—Algebra<br>Plane Geometry                  | Grade XI |
| 4. History  | Grade XI |
| 5. One Science (Physics, Chemistry or Biology)            |          |
| 6. One Language (preferably, but not necessarily, French) |          |

*Candidates who cannot follow the course patterns outlined above in their local high schools are requested to write to the Commanding Officer, HMCS Venture, for advice and information.*









## **HOW TO BECOME A NAVAL CADET UNDER THE VENTURE PLAN**

### **Enquiries**

Requests for application forms and information regarding the Venture Plan should be forwarded to:

The Venture Plan,  
Naval Headquarters,  
OTTAWA, Canada.

The coupon to be found at the back of this booklet may be used for this purpose.

### **Applications**

When the enquiry is received at Naval Headquarters, two application forms will be forwarded, together with a questionnaire. Applicants should complete the application forms in accordance with the instructions on the front page of the form. The school principal should be asked to complete the Educational Assessment Form and to return it direct to the above address.

Applications for Naval cadetships under the Venture Plan must be received at Naval Headquarters by 30 June of the year in which entry into HMCS Venture is planned.



## **Regional Interview Boards**

Applicants who are qualified will be interviewed by Naval Interview Boards during the first two weeks in July at five convenient centres—Vancouver, Winnipeg, Toronto, Montreal and Halifax.

Applicants who are requested to appear before Interview Boards will be supplied with detailed instructions regarding the place, time and transportation arrangements for their interviews. The cost of transportation, accommodation and meals will be paid by the Crown.

Candidates will remain at interview centres for a period of two to three days.

The purpose of the interview is to evaluate the candidate's records, suitability and appearance and to assess his aptitude for a career in the Royal Canadian Navy.

In addition, candidates will be:

- (a) Interviewed by a career counsellor,
- (b) Given a thorough medical examination, and
- (c) Required to write achievement tests in Mathematics, (Algebra and Geometry), English or French, and General Aptitude. Samples of the qualifying examination in Mathematics (Algebra and Plane Geometry) will be sent to all applicants.

No specific preparation is necessary for these tests except a good general high school education to the level set forth in this pamphlet in the section dealing with requirements for admission.

## **The Final Review Board**

During the latter part of July, the Final Review Board will meet in Naval Headquarters to examine the recommendations of the five Regional Interview Boards. Naval cadetships will be offered to selected candidates.

By the middle of August all candidates who have appeared before the Regional Interview Boards will be advised by telegram whether or not they are accepted.

Successful candidates will be asked to indicate by telegram whether they wish to accept a naval cadetship in HMCS Venture.

Selected cadets will join HMCS Venture in early September. Detailed instructions for joining will be provided.



## THE CURRICULUM

The course at HMCS Venture is two years in length. Each year cadets will spend approximately  $8\frac{1}{2}$  months at shore in Venture and  $2\frac{1}{2}$  months at sea in a training cruiser. Those who elect to qualify in aviation also receive elementary flying instructions. A leave period of approximately one month is also included in the year.

The academic portion of the two-year course under the plan will bring cadets to the level of senior matriculation.

Academic subjects of senior matriculation level which are taught at Venture are:

- English
- French
- Mathematics
- Physics
- History
- Chemistry

Courses are also given in the following professional naval and general subjects:

- Naval Knowledge
- Naval Aviation
- Pilotage and Navigation
- Engineering Drawing
- Marine Engineering
- Religious Knowledge
- Physical and Recreational Training.



During their first year, all Venture cadets study the same course. French-speaking cadets are taught in French by French-speaking officers and they write tests and examinations in French. At the same time they are taught English, so that during the second year they can be grouped with English speaking cadets and take lectures in English in all subjects, except French and religious knowledge. Upon successfully completing the first year studies, cadets will be selected for either:

Executive (specializing in Naval Aviation) or  
Executive

Depending on the selection cadets will receive certain specialized training during their second year.

The subjects in the curriculum are:

### **Naval Knowledge**

The organization, customs and traditions of the Navy: lectures and practical training in seamanship, boatwork, communications, parade training, ship construction, damage control, marine engineering, ship propulsion and auxiliary machinery.

### **Naval Aviation**

Cadets selected for specialization in Naval Aviation receive 30 hours airborne instruction in light aircraft and some 20 hours ground instruction. This programme is conducted in conjunction with the Victoria Flying Club and leads to the award of a Department of Transport private pilots' licence.

### **Sports**

The sports facilities available are generous, and include a gymnasium with swimming pool, playing fields, tennis, squash and badminton courts.

Every cadet takes part in the sports and recreation programme, in which the emphasis is on competitive sports. Cadets are taught by expert instructors the fundamentals of many sports so that they may participate not only as players, but as coaches and officials.

On the athletic programme are Canadian football, English rugby, soccer, basketball, softball, cricket, cross-country, boxing, fencing, swimming, water polo, squash, tennis, badminton and rifle and pistol shooting.

## **Boatwork**

A flotilla of boats is attached to HMCS Venture, making possible the training in sail and motor craft which is essential to all junior officers. Leader of the flotilla is the 95-foot ketch, Oriole IV, a fast, sturdy sailing vessel which accomplished the feat of sailing from Halifax to Esquimalt in the Fall of 1954 on the way to take up her new duties at Venture. Cadets are also encouraged to participate in Boatwork as a recreational activity.

## **Marine Engineering**

This course is designed to acquaint all cadets with a basic knowledge of ship design and construction. It shows the necessity for the method of achieving damage control against fire, flooding and enemy action. General familiarization with the important machinery installed in a naval ship is included in this course.

## **Engineering Drawing**

This course is planned to introduce to the cadet the exacting task of the engineering draftsman who, by a logical system of related views, descriptive notes and specifications, must give precise and positive information regarding to details of machine structure.

## **Pilotage and Navigation**

This is a two-year course in basic pilotage and celestial navigation which will equip the young officer for watchkeeping duties.

During the first year cadets will learn pilotage and have the opportunity for extensive practical work. In the second year celestial navigation will be given.

## **Mathematics**

Mathematics leading to application in physics, mechanics, electricity, electronics, marine engineering, aerodynamics, ballistics and other practical phases. Algebra, Analytic Geometry, Trigonometry, Elementary Calculus and the use of the slide rule are included.

## **Physics**

The physics course is a somewhat more comprehensive course than the senior matriculation courses in Canadian high schools.



The course emphasizes Mechanics, elementary aerodynamics, the basic principles of Electronics and the solution of numerical problems based on all sections of the course.

### **Chemistry**

A general course at senior matriculation level with emphasis on the kinetic and atomic theories, the structural basis of matter, the Periodic Table and elementary solution theory. The principles are applied in describing the more common inorganic substances and reactions. Extensive practice is given in chemical nomenclature, equation writing, and numerical problems.

### **English**

This course is modelled after the courses in English Composition and Literature in the senior matriculation year of Canadian high schools.

The cadet is taught to express his ideas logically and clearly. The course places emphasis on the use of good written and spoken English.

### **History**

This course covers the origin and development of sea-power, the role of the world's Navies in international affairs and a detailed history of the Royal Canadian Navy.

The second year course is an introduction to geopolitics and a study of the major factors in the development of modern states. Cadets are required to do reading, research and the assembling and organizing of data into term papers.

### **French**

Language studies in English and French are conceived as a start toward educating cadets bilingually. French-speaking cadets are given a course in French composition and literature equivalent to that given in "la douzième année générale" in the province of Quebec. These cadets also receive instruction in spoken and written English.

In order to give the English-speaking cadets a practical knowledge of French, the course contains much more practice in conversation than pure grammar, composition and literature. The tests and examinations in French are oral and written.



## PAY AND ALLOWANCES OF CADETS

A cadet is paid \$55.00 a month, and his board, lodging, clothing, books and medical and dental care are provided by the Service. Small compulsory deductions are made to create a fund to cover such expenses as laundry, dances, hobby shop, extra sports gear and so on.

### Leave

Cadets may be granted 30 days leave a year and the Service provides assistance in defraying travelling costs.

### Release

Cadets may apply for release between the eighth and the twelfth months of the initial training period. The Service retains the right to effect release on academic, medical or disciplinary grounds at any time.

### Promotion, Pay and Allowances, Pension

It is anticipated that the rate of promotion will be approximately as shown below:

<i>Rank</i>	<i>Time in Rank</i>	
Cadet	Two years	
Midshipman	Eight months	
Act. Sub-Lieutenant	12 months	
Sub-Lieutenant	16-32 months	{ dependent on the general progress made by the officer.



## Scale of Pay

The following is the scale of pay for naval officers up to and including the rank of Lieutenant:

<i>RANK</i>	<i>Basic Pay</i>	<i>Subsistence</i>		<i>Marriage Allowance</i>
		<i>Single</i>	<i>Married</i>	
Naval Cadet .....	55	61		
Midshipman .....	117	61		
Act. Sub-Lieutenant ..	185	65		
Sub-Lieutenant .....	230	89	110	40
Lieutenant .....	290	94	110	40

Subsistence allowance is payable only when rations and quarters are not provided, and is thus not normally applicable to naval cadets under the Venture Plan.

## Defence Services Pension Act

Only naval officers of permanent status are eligible under the Defence Services Pension Act for full naval pension benefits. Personnel on short service appointment have deductions made—referred to as “deferred pay”—amounting to not more than 6 per cent of pay and allowances. Venture cadets who are transferred to permanent status will immediately be eligible under the Pensions Act and the full amount of their deferred pay will be transferred into the pensions fund. Thus, in effect, eligibility for pension becomes retroactive to the commencement of their short service appointment. Cadets who terminate their engagement at the end of their short service appointments will receive their deferred pay plus a short service gratuity of one month’s pay and allowances (less income tax in both cases) for every completed year of service in the RCN.

## Further Training

On graduating from VENTURE, officers specializing in Naval Aviation will proceed to Pensacola, Florida, for flying training with their USN contemporaries. This training is of approximately 16 months duration.

On completion of this training the officers will join RCN Squadrons. If the officer has been selected for a permanent Commission he will be required to undergo courses in the weapon subjects during a period of service when not employed in a flying appointment.

Those officers not specializing in Naval Aviation will undergo technical courses for about 8 months duration. These courses are conducted in RCN schools situated in Halifax. On completion of the courses officers will be appointed to sea to complete further seamanship training and to obtain a watchkeeping certificate.

Officers who have been selected for Permanent Commissions may, when they have between 2 and 5 years seniority as Lieutenants, be selected for higher educational courses and specialist training in some particular field of their choice.





**ROYAL CANADIAN NAVY**

The Venture Plan,  
Naval Headquarters,  
Ottawa, Canada.

**HMCS VENTURE**

**NAVAL OFFICER TRAINING ESTABLISHMENT**

Without further obligation on my part, please send me application forms.

2. The following particulars are submitted:

.....  
Name

.....  
Address

Canadian Citizen: Yes ..... No .....

Date of birth: .....Month .....Year .....

I have completed/am completing Grade .....  
(Delete whichever not applicable)

I have taken/am taking the following subjects in my  
School Course.

.....  
.....  
.....;

Please supply information in: English .....

French .....

Signature .....

How I first heard of the Venture Plan:

.....  
.....  
.....  
.....  
.....









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OTTAWA, 1956